

From boatanchors@theporch.com Mon Apr 24 02:10:09 1995
Date: Mon, 24 Apr 1995 00:42:44 -0500
Message-Id: <199504240538.AAA20199@zoom.bga.com>
From: Henry van Cleef <vancleef@bga.com>
Subject: Amperite 6H-6 ballast tube and Boonton 250A R-X bridge

I opened up the Boonton 250A I got yesterday, and expect to find trouble. There was no fuse in it, and the power transformer was embalmed in mud. It also takes a funny power cord---looks like the modern computer variety, but is a little smaller and has round pins. I think I can get one from Newark---they list two types that look like this. A computer-type connector is too big to go in the hole.

Does anyone have the specs for an Amperite 6H-6 ballast tube. This is not the popular short metal twin diode, but a resistance tube in a glass T-9 bottle with an octal base (same size as a 6J5). I measured 3 ohms between pins 2 and 7, but want to substitute a light bulb for test if possible.

I also need a manual for the unit. I am going to call Manuals Plus tomorrow, and hope they have one. What's inside is not the Hay bridge I expected, but some sort of tuned frequency gizzy, and I don't really want to pull the thing all apart to play the ohmmeter game. There are about 30 lbs. of silver-plated stuff, castings, etc., and its obvious that it would be wise not to just unscrew screws at random just to see what's underneath.

Date codes on the tubes indicate that it was built in 1959 or 60. But somebody has been there before me---there is a screw, nut, and washer missing from the power supply that someone had to have taken out of the case.

--

Hank van Cleef vancleef@bga.com vancleef@tmn.com

From boatanchors@theporch.com Mon Apr 24 00:11:39 1995
Date: Sun, 23 Apr 1995 22:44:23 -0500
Message-Id: <798694678.F00005@leotech>
From: Peter.Ferrand@leotech.MV.COM (Peter Ferrand)
Subject: Canadian GE xmtr!

Ok, thanks all for the comments on this CGE-6711. I still don't know what role it might have in the 'ol shack though....

Bobbi:

[Canadian GE = Larcan]

Well that's real interesting, didn't realize that but then I seldom read the TV-specific ads since no one seems to want to either look at me or have me play with anything expensive. I know that Nautel makes very nice radio transmitters in Canada - once in a while one of their beacon rigs shows up at local flea markets - would be nice to set up as a lure for airplanes.

I wonder if it will turn out that Larcan wound up with the commercial gear and the military GE stuff went elsewhere. I'm not optimistic on this route unless a friendly soul can be found - I'd hate to pay for a whole 5KW transmitter manual just to get the exciter diagram.

JR6205:

Wow, just like a flea market - releasing memories from odd bits of radio stuff. Sounds like your time at the Royce works was a favorable experience, too bad you didn't grab the manual set!

Andy:

Well hi from Nashua, and a 2CQ would be easier to put to use, most assuredly...

73,
-Pete

* Origin: NETIS Public Access Internet (603)432-2517 (1:132/189)

From boatanchors@theporch.com Sun Apr 23 16:56:11 1995
Date: Sun, 23 Apr 1995 15:27:11 -0500
Message-Id: <9504232024.AA03275@kali>
From: Andy Wallace <wallace@mc.com>
Subject: Drake mech filter adapter? for 2-B

A friend of mine just got a 2-B/2-BQ combination. Apparently it does not contain the mod, but included was info for a DMF-2, which seems to be a mechanical filter mod put out by Henry Radio. Anyone ever heard of such a thing? I imagine it was a 455 kHz one, though why anyone would bother is a puzzle to me. The 50 kHz L/C filters in the radio sound great!

Also: I know Drake does repainting of 4-line panels, but do they do the older gear, too? Anyone got first-hand info/experiences?

--Andy

From boatanchors@theporch.com Sun Apr 23 18:26:50 1995
Date: Sun, 23 Apr 1995 16:56:12 -0500
Message-Id: <Pine.3.89.9504231640.A13888-0100000@is.rice.edu>
From: "Stephen M. Linscott" <linscot@rice.edu>
Subject: Hammarlund Manuals

While cleaning out my bookcase, I found the following manuals. All are original, 6 x 9 inches, and in excellent shape: "Series 200 Super Pro" (1939), "Super-Pro Communications Receiver Technical Description SP-400-X Operating Instructions", "HQ-140-X Communications Receiver Technical Description & Operating Instructions". All contain schematics, and all but the Series 200 contain parts lists.

I know that if I sell them, I will get one of the receivers -- it never fails! :-) But the manuals belong with receivers, and not stuck in a drawer "just in case". If you own one of these fine receivers, and need a manual, send an offer.

73 de W5EGP - Steve -

* Steve Linscott Divisional Consultant Natural Sciences *
* IS User Services Rice University Houston, Texas *

From boatanchors@theporch.com Sun Apr 23 16:25:48 1995
Date: Sun, 23 Apr 1995 14:55:11 -0500
Message-Id: <Pine.OSF.3.90.950423153158.21883A-1000000@govonca2>
From: Brien Pepperdine <pepperb@govonca2.gov.on.ca>
Subject: Mail order company names for parts?

Hi-ho neighbours ("Home Improvement")

I would appreciate any input you might have on good electronic parts companies via mail order / 800 line order.

I do want to replace the 4-section can capacitor in my HQ 170-A, as well as the oil cap (leaking) in my Viking II.

To be honest and informative, I went our local new parts company here, and he brought out all the Mallory caps I ordered from their catalog, and the total came to 75 dollars!!!!!! Now I cannot believe that is the real state. Most of these caps were about 5.xx in the catalog, but the cost 'now' is about \$ 13.xx. Give me a break (I think). I know this company is known to be a bit high in the prices (I'd heard that, now I guess maybe I know it!) but this is insane (I hope).

In that vein, I will order from mail order sources if the prices are nearer to the 'catalog' cost I had seen.

Just for reference I had ordered 1 x 60 uF, 2 x 40 uF, (all 450 V), 1 x 40 uF (25 v, @ \$3.72), and 2 x 16 uF (450 V). All those 450 V ones were in the range 11.28, 13.57, 13.31. I HOPE this does not represent the real value of things. If I am naive, and this is the real cost of things, please enlighten me, and I will start collecting pop bottles and beer cans for their deposit values in order to provide funding for this hobby.

Anyhow, if anyone has input on some realistically priced mail order places that would deal with current Mallory caps or equivalent, I would be interested in knowing.

To paraphrase Frank Zappa " I might be moving to Montana soon, just to raise me some lonely capacitors (formerly dental floss)".

tnx es 73 de

Brien
VE3VAW

pepperb@gov.on.ca

Toronto (where the sky is always blue, and the blue Mallory caps are sky-high).

From boatanchors@theporch.com Sun Apr 23 17:25:14 1995
Date: Sun, 23 Apr 1995 15:56:28 -0500
Message-Id: <199504232052.AA29524@northshore.ecosoft.com>
From: bruce@shore.net (Bruce Marshall)
Subject: need 30S-1 door

Here is a shot in the dark!

I have just aquired a Collins 30S-1 amplifier. It is missing the door that goes on the front of the power supply unit. Anyone have one for sale? I'm

also looking for a an instruction and/or service manual.

Bruce/WA1G

Bruce Marshall	email:	bruce@shore.net
Contract Office Furniture	Tel:	(617) 327-3666
52 Cornell Street	Tel work:	(508) 683-5332
Roslindale, MA 02131	Fax:	(617) 327-7373
Amateur Radio: WA1G	PacketCluster:	WA1G >WA1G

From boatanchors@theporch.com Sun Apr 23 13:40:13 1995
Date: Sun, 23 Apr 1995 12:10:35 -0500
Message-Id: <95005@w5ddl.aara.org>
From: n5off@w5ddl.aara.org
Subject: R-390A LW

Greg, KF5N was corrent, the LW R-390A was wriiten up in HSN by Craig Healy.

Craig says that you can bring the signal in to test point E-209 and bring in LW, and everthing else as well.

He recommended building a varicoupler to limit out of band undesirables.

73 de tom

From boatanchors@theporch.com Sun Apr 23 11:59:11 1995
Date: Sun, 23 Apr 1995 10:30:05 -0500
Message-Id: <199504231519.KAA10126@uro.theporch.com>
From: n7oo@hereford.ampr.org (Jack Taylor)
Subject: Re: R390A, Conversion to LF

At 10:50 PM 4/22/95 -0500, KD0HG@aol.com wrote:

>All this talk about the R-389 reminded me of an idea I'd always wanted to
>try- conversion of an R-390A to LF operation. IF one could replace the front
>end tuned circuits with the correct parts which would probably include
>"honeycomb" wound slug tuned coils, I wonder what kind of tuning range, or
>low min to hi max freq ratio of frequencies could be practical? One could
>conceivably just drop a modified LF front end assembly in an otherwise stock
>R-390A for tuning, say, 50 Khz to 500 Khz. The mixers might also be modified
>to provide better performance... Any thoughts, comments or suggestions out
>there on the twisted ether? (other than-"go buy an R-389...") <bill, KD0HG>
>

I suppose in a burst of terrific engineering effort and energy, one could gut out the venerable R-390 and convert it into a LF rx. Wouldn't it be simpler though to simply marry it up with an LF converter? I haven't tried an LF converter (yet) on mine, but a VHF converter I've used works quite nicely.

73 de Jack

From boatanchors@theporch.com Sun Apr 23 12:25:45 1995
Date: Sun, 23 Apr 1995 10:56:36 -0500
Message-Id: <9504231150.ZM2469@eehp04>
From: "Gregory Raven Redi" <ravengre@comm.mot.com>
Subject: VLF R390A

> Subject: VLF R390A
> From: KD0HG@aol.com
> Subject: R390A, Conversion to LF
>
> All this talk about the R-389 reminded me of an idea I'd always wanted to
> try- conversion of an R-390A to LF operation. IF one could replace the front
> end tuned circuits with the correct parts which would probably include
> "honeycomb" wound slug tuned coils, I wonder what kind of tuning range, or
> low min to hi max freq ratio of frequencies could be practical? One could
> conceivably just drop a modified LF front end assembly in an otherwise stock
> R-390A for tuning, say, 50 Khz to 500 Khz. The mixers might also be modified
> to provide better performance... Any thoughts, comments or suggestions out
> there on the twisted ether? (other than-"go buy an R-389...") <bill, KD0HG>
>
> -----

There is an article on how to do this with minimal effort. It was published in "The Hollow State News". Seems like all you had to do was bypass the RF filters in front of the first mixer. Seems like there is a test point or some convenient way to tap in at that point. I bet it does not work very well near 455 kHz though.

I'll post the details in the next day or so.

73 KF5N

--

Regards,
Greg Raven
Renaissance Engineering
egr002@email.mot.com